	Application No.	Applicant(s)
Notice of Allowability	10/507,370 Examiner	SUH ET AL.  Art Unit
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	Sheela Rao	2125
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. X This communication is responsive to papers filed 21 September 2004.		
2.  The allowed claim(s) is/are <u>1-13</u> .		
<ul> <li>3.</li></ul>		
1. Certified copies of the priority documents have been received.		
2. Certified copies of the priority documents have been received in Application No		
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
5. CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached		
1) 🗌 hereto or 2) 🔲 to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).		
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. 🗌 Notice of Informal F	Patent Application
2.   Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Da 7. ☐ Examiner's Amend	ment/Comment
Paper No./Mail Date see attached 4. Examiner's Comment Regarding Requirement for Deposit	8. X Examiner's Stateme	ent of Reasons for Allowance
of Biological Material	9.	

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## **DETAILED ACTION**

1. Claims 1-13 are pending and presented for examination.

2. Applicant's submission of references on form PTO-1449, filed 21 September 2004, has been considered. A signed copy of the form is attached.

## Allowable Subject Matter

Claims 1-13 are allowed.

4. As allowable subject matter has been indicated, applicant's reply must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP § 707.07(a).

5. The following is an examiner's statement of reasons for allowance:

The prior arts of record do not teach or fairly suggest a method for automatically generating a process plan by performing delta volume decomposition based not only on part geometry but also using cutting tool information. The limitations of instant claims 1-13, whether taken as a whole or in combination, is not taught or rendered obvious over the prior arts.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 2004/0210337 Ikeda et al.

US 2004/0206145 Akami et al.

USPN 5,266,876 Ito et al.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheela Rao whose telephone number is (571) 272-3751. The examiner can normally be reached Monday - Friday from 8:30 am to 4:30 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard, can be reached on (571) 272-3749. The fax number for the organization where this application or any proceeding papers is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application
Information Retrieval (PAIR) system. Status information for published applications may be obtained from
either Private PAIR or Public PAIR. It should be noted that status information for unpublished
applications is available through Private PAIR only. For more information about the PAIR system, see
<a href="http://pair-direct.uspto.gov">http://pair-direct.uspto.gov</a>. Should any questions arise regarding access to the Private PAIR system,
contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sheela S. Rao January 3, 2007

> LEO PICARD SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2100

L-P.P